

Substitute for Form 1449A/PTO (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

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| Application Number | 10/057,161 |
| Filing Date | January 24, 2002 |
| First Named Inventor: | Liang He et al. |
| Group Art Unit | 2641 |
| Confirmation No.: | 1705 |
| Attorney Docket Number | 42P12178 |

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| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
|--------------------|----------------------|--|----------------|
| BA | | BOERSMA, PAUL; Accurate Short-Term Analysis Of The Fundamental Frequency And The Harmonics-To-Noise Ratio Of A Sampled Sound; Institute Of Phonetic Sciences, University of Amsterdam; Proceedings 17 (1993), pgs. 97-110. | |
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| BA | | HERMES, DIK J.; Measurement of pitch by subharmonic summation; J. Acoust. Soc. Am. 83 (1), January 1988, ©1988 Acoustical Society of America, pgs. 257-264. | |
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| BA | | LIU, PH.D., SHARLENE, ET AL.; The Effect of Fundamental Frequency on Mandarin Speech Recognition; 5 th International Conference on Spoken Language Processing; 30 th November-4 th December 1998, Sydney, Australia, ICSLP '98 Proceedings, Th4R9, Volume 6, pgs. 2647-2650 | |
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| BA | | PEARCE, DAVID, <i>Enabling New Speech Driven Services for Mobile Devices: An overview of the ETSI standards activities for Distributed Speech Recognition Front-ends</i> , AVIOS 2000: The Speech Applications Conference, May 22-24, 2000, San Jose, CA, USA., < http://www.etsi.org/T_news/Documents/AVIOS_DSR_paper.pdf >, 12 pages. | |
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| BA | | RABINER, LAWRENCE R., ET AL; A Comparative Performance Study of Several Pitch Detection Algorithms; IEEE Transactions On Acoustics, Speech, And Signal Processing, Vol. ASSP-24, No. 5, October 1976, pgs. 399-418. | |
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| BA | | <i>Distributed Speech Recognition - Aurora</i> , 10/01/02, < http://www.etsi.org/technicalactiv/dsr/dsr.htm >, pgs. 1-3. | |
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| Examiner Signature | | Date Considered | 11/10/02 |
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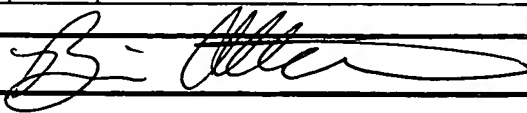
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|-----------------------|-------------------------|--|----------------|
| BA | | <i>Speech Processing, Transmission and Quality aspects (STQ); Distributed speech recognition; Front-end feature extraction algorithm; Compression algorithms</i> , ETSI ES 201 108 V1.1.2 (2000-04), ETSI Standard, ©European Telecommunications Standards Institute 2000, F-06921 Sophia Antipolis Cedex - France, pgs. 1-20. | |
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| BA | | WebSphere Transcoding Publisher, IBM® Products & Services > Software > Web Application Servers, http://www-3.ibm.com/software/web servers/transcoding/about.html , 4 pages. | |
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| | | | | Filing Date | January 24, 2002 |
| | | | | First Named Inventor: | Liang He |
| | | | | Art Unit | 2655 |
| | | | | Examiner Name | To, Doris Ha |
| <div style="display: flex; justify-content: space-between;"> Sheet <u>1</u> of <u>1</u> Attorney Docket Number 42390P12178 </div> | | | | | |
| U.S. PATENT DOCUMENTS | | | | | |
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| BA | | US- 6,018,710 | 01-25-2000 | Wynblatt et al. | |
| BA | | US- 6,188,985 B1 | 02-13-2001 | Thrift et al. | |
| BA | | US- 6,269,336 B1 | 07-31-2001 | Ladd et al. | |
| BA | | US- 6,594,628 B1 | 07-15-2003 | Jacobs et al. | |
| BA | | US- 6,662,163 B1 | 12-09-2003 | Albayrak et al. | |
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| BA | | WO 00/58942 | 10-05-2000 | Thelen et al. | | |
| BA | | WO 01/95312 A1 | 12-13-2001 | Hariharan | | |
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